AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-27 (Cancelled).

28. (New) A sprinkler head comprising a base;

a nozzle assembly including first and second components supported within the base, said nozzle assembly defining an adjustable arcuate discharge orifice;

a water distribution plate supported on a shaft extending upwardly from said base, and adapted to be impinged by a stream emitted from the nozzle to thereby distribute the stream over an arc of coverage determined by said arcuate discharge orifice; and

an arc adjustment ring rotatably mounted on said base, said arc adjustment ring operatively connectable with said nozzle assembly for rotating one of said first and second components relative to the other of said first and second components for adjusting said arc of coverage.

29. (New) The sprinkler head of claim 28 wherein said shaft is normally stationary and said water distribution plate rotates relative to said shaft.

30. (New) The sprinkler head of claim 29 wherein said water distribution plate is mounted for rotation about said shaft and formed with an interior chamber defined by

upper and lower bearings through which said shaft extends, and an interior surface of the water distribution plate; a stator fixed to the shaft and located within the chamber; and wherein said chamber is at least partially filled with a viscous fluid.

31. (New) The sprinkler head of claim 28 wherein an elongated stem is supported within said base and said sprinkler component comprises a pop-up sprinkler assembly including a fixed housing and an extendable tube, said base located on said extendable tube; and wherein said stem, nozzle assembly, shaft and water distribution plate are movable axially relative to said base from an inoperative retracted position where said water distribution plate is seated on said arc adjustment ring, to an operative extended position where said water distribution plate is axially spaced from said base.

32. (New) The sprinkler head of claim 31 wherein said arc adjustment ring is operatively connectable with said nozzle only when said water distribution plate is in said operative extended position.

33. (New) The sprinkler head of claim 31 wherein in use, said extendable tube extends out of said fixed housing before said water distribution plate moves to said operative extended position.

34. (New) A sprinkler head comprising:

a base;

a nozzle supported within said base;

a water distribution plate supported on one end of a shaft extending upwardly from said base and through said nozzle, said water distribution plate located in axially spaced relationship to said nozzle and adapted to be impinged by a stream emitted from the nozzle; and

a throttle control member mounted on an opposite end of said shaft such that rotation of said shaft causes said throttle control member to move axially relative to a flow restriction portion, to thereby adjust flow rate through said nozzle and a throw radius of the stream emitted from said nozzle.

35. (New) The sprinkler head of claim 34 wherein an externally threaded sleeve is secured to said opposite end of said shaft and said throttle control member is threadably received on said sleeve, said throttle control member being constrained against rotation.

36. (New) The sprinkler head of claim 34 wherein said throttle control member and said flow restriction portion are configured to always permit a predetermined minimum flow of water through said nozzle.

37. (New) The sprinkler head of claim 36 wherein said predetermined minimum flow is sufficient to maintain rotation of said water distribution plate.

38. (New) The sprinkler head of claim 34 wherein a distal end of said shaft projects from said water distribution plate to thereby allow a user to rotate said shaft to adjust said flow rate.

39. (New) The sprinkler head of claim 38 wherein said distal end of said shaft is formed with a groove adapted to receive a tool for rotating said shaft.

40. (New) The sprinkler head of claim 34 wherein said shaft is normally rotationally stationary and said water distribution plate rotates relative to said shaft.

41. (New) The sprinkler head of claim 40 wherein said water distribution plate is formed with an interior chamber defined by upper and lower bearings through which said shaft extends, and an interior surface of the rotor plate; a stator fixed to the shaft and located within the chamber; and wherein said chamber is at least partially filled with a viscous fluid.

42. (New) The sprinkler head of claim 34 wherein said sprinkler component comprises a pop-up sprinkler assembly including a fixed housing and an extendable tube,

said base located on an upper end of said extendable tube; and wherein said nozzle, shaft and water distribution plate are movable axially relative to said base from an inoperative retracted position where said water distribution plate is seated on said base, to an operative extended position where said water distribution plate is axially spaced from said base.

43. (New) The sprinkler head assembly of claim 42 and wherein in use, said extendable tube extends out of said fixed housing before said water distribution plate moves to said operative extended position.

44. (New) A sprinkler head comprising:

a base;

a nozzle assembly including a discharge orifice supported within the base;

a water distribution plate supported on one end of a shaft extending upwardly from said base, said water distribution plate located in axially spaced relationship to said nozzle and adapted to be impinged by a stream emitted from the nozzle assembly;

an arc adjustment ring rotatably mounted on said base, said arc adjustment ring operatively connectable with said nozzle assembly for rotating one component of said nozzle assembly relative to another component of said nozzle assembly for adjustment of said arcuate discharge orifice; and

a throttle control member movably supported on an opposite end of said shaft such that rotation of said shaft causes said throttle control member to move relative to a flow restriction portion, to thereby adjust flow rate through said nozzle assembly and a throw radius of the stream emitted from the nozzle assembly.

45. (New) The sprinkler head of claim 44 wherein said water distribution plate is formed with an interior chamber defined by upper and lower bearings through which said shaft extends, and an interior surface of the water distribution plate; a stator fixed to the shaft and located within the chamber; and wherein said chamber is at least partially filled with a viscous fluid.

46. (New) The sprinkler head of claim 44 wherein an elongated stem is supported within said base and said sprinkler component comprises a pop-up sprinkler assembly including a housing and an extendable tube, said base located on an upper end of said extendable tube; wherein said stem, nozzle assembly, shaft and water distribution plate are movable axially relative to said base from an inoperative retracted position where said water distribution plate is seated on said base, to an operative extended position where said water distribution plate is axially spaced from said base.

47. (New) The sprinkler head of claim 46 including a first coil spring radially outward of a stream emitted from the nozzle, said first coil spring having one end

engaging a downstream end of said stem and an opposite end engaging said arc adjustment ring, said coil spring biasing said water distribution plate toward said inoperative retracted position.

48. (New) The sprinkler head of claim 46 wherein said arc adjustment ring is operatively connectable with said nozzle only when said water distribution plate is in said operative extended position.

49. (New) The sprinkler head of claim 46 wherein, in use, said extendable tube extends out of said fixed housing before said rotor plate moves to said operative extended position.

50. (New) The sprinkler head of claim 44 wherein said throttle control member and said flow restriction portion are configured to always permit a predetermined minimum flow of water through said nozzle, sufficient to maintain rotation of said rotor plate.

51. (New) The sprinkler head of claim 44 wherein a distal end of said shaft projects from said water distribution plate to thereby allow a user to rotate said shaft to adjust said flow rate and said throw radius.

52. (New) The sprinkler head of claim 51 wherein said distal end of said shaft is formed with a groove adapted to receive a tool for rotating said shaft.